

ABSTRACT

A printer prints a black mark BM having a left mark edge BM_a and a right mark edge BM_b on a paper P. An encoder offset SH_L_EDG for the left mark edge BM_a is set based on the difference between the carriage position (encoder value PR_ENC_L) that is detected when the print head 10 prints the left mark edge BM_a and the carriage position (encoder value SEN_ENC_L) that is detected when the media sensor 68 detects the left mark edge BM_a. Similarly, an encoder offset SH_R_EDG for the right mark edge BM_b is set based on the difference between the carriage position (encoder value PR_ENC_R) that is detected when the print head 10 prints the right mark edge BM_b and the carriage position (encoder value SEN_ENC_R) that is detected when the media sensor 68 detects the right mark edge BM_b. In this way, the printer can suppress the effects of mounting error and can prevent a decline in accuracy when detecting edges of the paper P.

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